

Title (en)

Durability improving agent for cement-hydraulic-set substances, method of improving same, and cement-hydraulic-set substances improved in durability.

Title (de)

Mittel zur Verbesserung der Festigkeit von hydraulisch abbindenden Zementsubstanzen, Verfahren zur Verbesserung dieser Festigkeit und in Festigkeit verbesserte hydraulisch abbindende Zementsubstanzen.

Title (fr)

Agent pour modifier la durabilité de substances cimentueuses à prise hydraulique, procédé pour la modification de cette durabilité et substances cimentueuses à prise hydraulique présentant une durabilité modifiée.

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Application

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Priority

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Abstract (en)

The present invention provides a method for improving the durability of cement-hydraulic substances, the method decreasing the dry shrinkage of cement-hydraulic-set substances such as concrete, mortar or related substances, and increasing resistance to a repetition of the freezing and thawing of the cement-hydraulic-set substances, by the use of terminal alkyletherified compounds or terminal alkylesterified compounds of polymers having -C₂H₅O- and/or -C₃H₆O- as a repetitive unit.

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Cited by

AU772474B2; EP1094994A4; FR2771088A1; US2012097075A1; US8674058B2; AU2008232024B2; EP0850895A1; EP2256097A3; EP1118598A3; US6630020B2; US6454850B2; US6436184B1; WO0144135A1; WO9925664A1; US6174980B1; US6388038B1

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